



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200



646.4001
Job Sheet 170443

000564

Part No: 646.4001

Job Qty: 1 ea

Part Name: AS350 Cable Cutter System



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 1/16/18

Job Tracking No:

Due Date: 2/8/18

Created By: Linda Lacelle

Type: SOLD

Description:

Note: DWG REV C1 IPP REV:A 12.10.23 NEW ISSUE DD VERF:JLM IPP REV:B 15.01.08 AS PER DWG REV.B
DD VERF:JLM IPP REV:C 16.01.07 AS PER DWG REV.C DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea		2/8/18	0.00	0.00	Start Up Stores/Pkg-1		FEB 06 2018 W.K.
110	Packaging	1 pcs		2/8/18	0.00	0.00	Packaging1-1		
120	QC	1 pcs		2/8/18	0.00	0.00	QC4		
125	DC	1 pcs		2/8/18	0.00	0.00	DC		
130	Packaging	1 pcs		2/8/18	0.00	0.00	Packaging3-1		
140	QC21-FG	1 Ea		2/8/18	0.00	0.00	QC21		

Part Op 125 - Photocopy bluefile & type labels per PPP 646.4001

Descriptions: 130 - Identify and pack for shipping as per PPP 646.4001 Location: F9102 sold

DAS
21
9-89

MAR 12 2018

Job Allocations

Operation	Component Part	Required	Inventory	Allocated	Std Qty
90-Start up Operation	600.0129	8	552	0	0
	600.0990 5039651	1	25	0	0
	600.0991 5039652	1	27	0	0
	600.1012	1	55	0	0
	600.1013	5	105	0	0
	646.2910	1	12	0	0
	646.3001	1	4	0	0
	646.3110	1	7	0	0
	646.3210	1	11	0	0
	646.3301	1	10	0	0
	646.3510	1	19	0	0
	646.3511	1	7	0	0
	646.3610	1	22	0	0
	646.3710	1	29	0	0
	646.3711	1	17	0	0
	646.3712	1	31	0	0
	646.3713	1	27	0	0
	646.3714	1	29	0	0
	646.3715	2	44	0	0
	646.3716	1	24	0	0
	646.3717	1	29	0	0
	646.3718	2	40	0	0
	646.3719	2	18	0	0
	646.3810	2	17	0	0

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="width:15%;">Skid-tube ☐</td> <td style="width:15%;">Cross tube ☐</td> <td style="width:15%;">Water Jet ☐</td> <td style="width:15%;">Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐																						
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐																						
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐																						
Large Fab ☐	Composite ☐	Supplier ☐																							
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval																		
Description Work Order Deviation				Disposition				Completed By																	
								Lead hand / Supervisor																	
								Verification																	
Root Cause		FAULT CATEGORY						 Container No: S049494 Part: 646.4001 Job No: 170443 Serial No/Batch: S049494 Revision: _____ Inspector: _____ Container No: S049494 Date: 03/09/18 DART Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7 CANADA TEL: 1 813 632-5200 Email: sales@dartaero.com www.dartaerospace.com																	
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power ☐																					
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio ☐																					
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐																					
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐																					
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wro ☐																					
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out ☐																					
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-s ☐																					
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Misl. ☐																					
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/F ☐																					
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Mis: ☐																					
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____			juence																				
Misidentified ☐	Past Due ☐																								

646.3811	1	14	0	0
646.3812	2	13	0	0
646.3813	1	12	0	0
646.3910	4	40	0	0
646.3911	1	18	0	0
646.3912	4	42	0	0
646.3913	1	32	0	0
646.9410	1	36	0	0
647.0112	2	129	0	0
647.7703	2	18	0	0
650.9201	2	21	0	0
AN3-11A	10	577	0	0
AN3-12A	2	80	0	0
AN3-13A	1	24	0	0
AN3-3A	4	380	0	0
AN3-4A	10	451	0	0
AN3-5A	2	351	0	0
AN3-6A	2	251	0	0
AN316C4R	2	64	0	0
AN44-5A	2	33	0	0
AN4C7A	2	151	0	0
AN665-34R	2	66	0	0
CCR264SS3-02	36	587	0	0
CR3213-5-3	14	328	0	0
MS20426AD5-7	2	1,291	0	0
MS20470AD5-5.5	8	501	0	0
MS20470AD5-6	8	375	0	0
MS20470AD5-7	3	245	0	0
MS21042-08	2	0	0	0
MS21042L3	63	3,006	0	0
MS21042L4	2	3,183	0	0
MS21047-3	18	788	0	0
MS24693-C278	5	130	0	0
MS24694-S51	5	513	0	0
MS24694-S54	2	226	0	0
MS24694-S55	3	129	0	0
MS27039-08-13	2	521	0	0
MS27039-1-10	2	451	0	0
MS27039-1-12	6	269	0	0
MS27039-1-16	24	500	0	0
MS27039-1-19	22	425	0	0
MS27039-1-20	2	105	0	0
MS27039-1-21	4	63	0	0
NAS1149F0332P	144	5,443	0	0
NAS1149F0363P	2	294	0	0
NAS1149F0432P	4	1,074	0	0
NAS1149FN832P	4	6,714	0	0

Part Specifications

Specifications could not be found.

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐		OTHER : ☐	



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Master Unit 000564

Tel (613) 632-5200

Containers on Master Unit 000564				
Serial No	Part No	Customer Part No	Status	Quantity
S039753	600.0129	600.0129	Allocated	8
S039748	600.0990	600.0990	Allocated	1
S039747	600.0991	600.0991	Allocated	1
S039746	600.1012		Allocated	1
S039745	600.1013	600.1013	Allocated	5
S039744	646.2910	646.2910	Allocated	1
S039743	646.3210	646.3210	Allocated	1
S039742	646.3301	646.3301	Allocated	1
S039741	646.3510	646.3510	Allocated	1
S039739	646.3610	646.3610	Allocated	1
S039738	646.3710	646.3710	Allocated	1
S039736	646.3712	646.3712	Allocated	1
S039735	646.3713		Allocated	1
S039734	646.3714	646.3714	Allocated	1
S039733	646.3715		Allocated	2
S039727	646.3716		Allocated	1
S039724	646.3717		Allocated	1
S039723	646.3718		Allocated	2
S039722	646.3719		Allocated	2
S039715	646.3810		Allocated	2
S039714	646.3811		Allocated	1
S039713	646.3813		Allocated	1
S039712	646.3910		Allocated	4
S039711	646.3911		Allocated	1
S039710	646.3912		Allocated	4
S039709	646.3913		Allocated	1
S039706	646.9410		Allocated	1
S027108	650.9201		Allocated	2
S039703	AN3-11A		Allocated	10
S039702	AN3-12A		Allocated	2
S039701	AN3-13A		Allocated	1
S039700	AN3-3A	AN3-3A	Allocated	4
S039699	AN3-4A		Allocated	10
S039698	AN3-5A	AN3-5A	Allocated	2
S039694	AN3-6A	AN3-6A	Allocated	2
S039687	AN316C4R	AN316C4R	Allocated	2
S039684	AN44-5A	AN44-5A	Allocated	2
S039682	AN4C7A		Allocated	2
S039681	AN665-34R	AN665-34R	Allocated	2
S039678	CCR264SS3-02		Allocated	36
S039672	CR3213-5-3		Allocated	14
S039671	MS20426AD5-7		Allocated	2
S039670	MS20470AD5-5.5		Allocated	8
S039669	MS20470AD5-6	MS20470AD5-6	Allocated	8
S039668	MS20470AD5-7		Allocated	3
S039677	MS21042L08		Allocated	2
S039662	MS21042L3	MS21042L3	Allocated	63

S039660	MS21042L4	MS21042L4	Allocated	2
S039659	MS21047-3		Allocated	18
S039658	MS24693-C278		Allocated	5
S039654	MS24694-S51		Allocated	5
S039650	MS24694-S54		Allocated	2
S039649	MS24694-S55	MS24694-S55	Allocated	3
S039646	MS27039-08-13	MS27039-08-13	Allocated	2
S039642	MS27039-1-10		Allocated	2
FM138237	MS27039-1-12		Allocated	5
S039637	MS27039-1-12		Allocated	1
S039634	MS27039-1-16		Allocated	24
S039632	MS27039-1-19		Allocated	22
S039631	MS27039-1-20		Allocated	2
S039628	MS27039-1-21		Allocated	4
S039617	NAS1149F0332P		Allocated	144
S039616	NAS1149F0363P		Allocated	2
S039612	NAS1149F0432P	NAS1149F0432P	Allocated	4
S039600	NAS1149FN832P		Allocated	4

646 3001 S041 213

646.3110

646-3511

646 3711

S044 967

646-3812 x2

647. 0112 x2 S044 965

647 7703 x2 S044 966



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

Container View (Active) - Master Unit Containers

Master Unit No	Container No	Part No	Part Name	From Container	Current Location	Quantity
000564	S039753	600.0129	VHB Tape	Fm137700	CCK096	8
000564	S039748	600.0990	Magnabond 6398 Part A Size 112 ml	S039651	LG050	1
000564	S039747	600.0991	Magnabond 6398 Part B Size 112 ml	S039652	LG050	1
000564	S039746	600.1012	Sealant PR1425B2 (#654 sem)	S022034	CCK017	1
000564	S039745	600.1013	021200-3M Tape Primer 94 Primer 24216	S020598	CCK096	5
000564	S039744	646.2910	Deflector	S011143	CCK050	1
000564	S041213	646.3001	Lower Cable Cutter Assembly	S038952	CCK023	1
000564	S039743	646.3210	Support	S027109	CCK020	1
000564	S039742	646.3301	Upper Cutter Assembly	S030952	CCK018	1
000564	S039741	646.3510	Strut	S010282	CCK103	1
000564	S047218	646.3511	Strut	S036176	CCK104	1
000564	S039739	646.3610	Filler	S021893	CCK104	1
000564	S039738	646.3710	Doubler	S002104	CCK006	1
000564	S044967	646.3711	Clip	S026777	CCK104	1
000564	S039736	646.3712	Clip	F159863	CCK104	1
000564	S039735	646.3713	Gusset	F159851	CCK106	1
000564	S039734	646.3714	Gusset	F159846	CCK106	1
000564	S039733	646.3715	Strut Doubler	F159860	CCK105	2
000564	S039727	646.3716	Gauge Bracket	F159850	CCK105	1
000564	S039724	646.3717	Doubler	F161668	CCK105	1
000564	S039723	646.3718	Custom Washer	S026885	CCK105	2
000564	S039722	646.3719	Doubler	S026761	CCK105	2
000564	S039715	646.3810	Bracket	S020538	CCK105	2
000564	S039714	646.3811	Radius Block	S027821	CCK105	1
000564	S047219	646.3812	Gusset Bracket	S036884	CCK106	2
000564	S039713	646.3813	AS350 Strut Bracket	S019883	CCK106	1
000564	S039712	646.3910	Shim	S027801	CCK106	4
000564	S039711	646.3911	Shim	F159862	CCK106	1
000564	S039710	646.3912	Shim	S027803	CCK106	4
000564	S039709	646.3913	Shim	S027799	CCK106	1
000564	S039706	646.9410	Shim	F140671	CCK011	1
000564	S044965	647.0112	Strut Bracket	S041557	CCK106	2
000564	S044966	647.7703	Strut Assembly	S034597	CCK114	2
000564	S027108	650.9201	Eyelet Bracket Assembly	FM137061	CCK127	2
000564	S039703	AN3-11A	Bolt	S014740	ST349	10
000564	S039702	AN3-12A	Bolt	F153854	ST349	2
000564	S039701	AN3-13A	Bolt	S003045	ST349	1
000564	S039700	AN3-3A	Bolt	S015688	ST350	4
000564	S039699	AN3-4A	Bolt	FM138260	ST350	10
000564	S039698	AN3-5A	Bolt	S013737	ST350	2
000564	S039694	AN3-6A	Bolt	S000530	ST350	2
000564	S039687	AN316C4R	Nut, Jam	S019359	ST331	2
000564	S039684	AN44-5A	Eyebolt	S019400	ST339	2
000564	S039682	AN4C7A	Bolt	FM138246-0	ST345	2
000564	S039681	AN665-34R	Clevis	S014161	OVER007	2
000564	S039678	CCR264SS3-02	Cherry Rivet	S019421	ST321	36
000564	S039672	CR3213-5-3	Cherry Rivet	S027551	ST319	14
000564	S039671	MS20426AD5-7	Rivet	FM133922-36	ST311	2
000564	S039670	MS20470AD5-5.5	Rivet	FM134063	ST309	8

Master Unit No	Container No	Part No	Part Name	From Container	Current Location	Quantity
000564	S039669	MS20470AD5-6	Rivet	F124089	ST309	8
000564	S039668	MS20470AD5-7	Rivet	F123425	ST309	3
000564	S039677	MS21042L08	Nut	S016879	ST303	2
000564	S039662	MS21042L3	Nut	S037284-1	FP001	63
000564	S039660	MS21042L4	Nut	S016351	ST303	2
000564	S039659	MS21047-3	Nut Plate	S016884	ST301	18
000564	S039658	MS24693-C278	Screw	S016502	ST287	5
000564	S039654	MS24694-S51	Screw	S004859	ST284	5
000564	S039650	MS24694-S54	Screw	S024480	ST284	2
000564	S039649	MS24694-S55	Screw	Fm138045.0	ST283	3
000564	S039646	MS27039-08-13	Screw	s019320-1	ST278	2
000564	S039642	MS27039-1-10	Screw	S006970	ST280	2
000564	FM138237	MS27039-1-12	Screw		ST280	5
000564	S039637	MS27039-1-12	Screw	S027544	ST280	1
000564	S039634	MS27039-1-16	Screw	S027545	ST280	24
000564	S039632	MS27039-1-19	Screw	S024444	ST280	22
000564	S039631	MS27039-1-20	Screw	S000680	ST280	2
000564	S039628	MS27039-1-21	Screw	FM127904-10	ST280	4
000564	S039617	NAS1149F0332P	Washer	S020603	ST262	144
000564	S039616	NAS1149F0363P	Washer	FM137544-25	ST262	2
000564	S039612	NAS1149F0432P	Washer	S024445	ST262	4
000564	S039600	NAS1149FN832P	Washer	S020604	ST263	4

Note: Ad hoc query view of Part.dbo.Container where Container.Active = 1.

646 3110 5041090

Plex 3/2/18 10:40 AM dart.quirion.sonia

REF. ONLY

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES DBA DART AEROSPACE. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE EXPLICIT WRITTEN PERMISSION OF APICAL INDUSTRIES DBA DART AEROSPACE IS PROHIBITED.

NOTES:

1. AFTER INSTALLATION, APPLY F/N 54 A/R TO FILL GAPS AND FILLET EDGES.

2. INSTALL F/N 14 WITH F/N 52 & 53.

3. 3M VHB ADHESIVE TAPE .025" THICK X .50" WIDE
VENDOR: MCMASTER-CARR P/N 75935A651.

4. 3M TAPE PRIMER 94, APPLY TO BOTH SURFACES A/R BEFORE TAPE.
VENDOR: R.S. HUGHES P/N 021200-24216.

5. REUSE FASTENERS FROM F/N 1.

6. USE WASHERS A/R AS SHIMS TO OBTAIN BEST FITMENT.

7. AT CUSTOMERS OPTION, INSTALL F/N 65 BY MATCH DRILLING ON TO F/N 1.

8. INSTALL SHIM IF OEM PROVISIONS ARE INSTALLED ON AIRCRAFT, REMOVE SHIM LAYERS TO ACHIEVE CORRECT SIZE. MATCH DRILL HOLES. USE F/N 78 SCREW IN PLACE OF F/N 17 SCREW.

9. NEWER INSTALLATIONS ON AIRCRAFT WITH UPDATED CANOPY MAY REQUIRE DIFFERENT LENGTH SCREWS. USE F/N 62 TO REPLACE F/N 44 & F/N 26 IN PLACE OF F/N 41 WHEN NECESSARY.

UNINCORPORATED ECN(S)

05304

5	5	5	78	601.3875	SCREW	MS27039-1-10				
1	1	1	77	646.9410	SHIM	MS27039-1-10				
	4	4	76	601.2764	WASHER	NAS11491B02P				
	2	2	75	601.2973	LOCKNUT	MS27042-08				
	2	2	74	601.2988	SCREW	MS27039-0813				
	2	2	73	601.2943	LOCKNUT	MS21042-3				
	2	2	72	601.3128	NUT	ANS316C4R				
	2	2	71	601.3209	LOCKNUT	MS27042-4				
	4	4	70	601.2636	WASHER	NAS11491B03P				
	2	2	69	601.2669	BOLT	ANAC7A				
	2	2	68	601.3119	CLEVIS	AN665-34P				
	2	2	67	601.3121	EYE BOLT	AN664-5A				
	2	2	66	650.9201	EYE BRACKET ASSY					
REF	REF	REF	65	647.5701	GPS MOUNT KIT					
		2	64	601.3151	WASHER	NAS11491B03P				
		2	63	601.2911	SCREW	MS24694553				
	24	24	62	601.2637	SCREW	MS27039-1-16				
2	2	2	61	601.2763	BOLT	ANS-12A				
	1	1	60	646.3913	SHIM					
	4	4	59	646.3912	SHIM					
	1	1	58	646.3911	SHIM					
	4	4	57	646.3910	SHIM					
	5	5	56	600.1013	PRIMER					
	8 FT	8 FT	55	600.0129	VHB TAPE					
	1	1	54	600.1012	SEALANT	PR-145 CLASS B				
	1	1	53	600.0991	MAGNABOND 6598 PART B					
	1	1	52	600.0990	MAGNABOND 6598 PART A					
6	10	10	51	601.2826	BOLT	ANS-11A				
		2	50	646.3814	WIPER BRACKET					
		2	49	601.2910	SCREW	MS27039-1-16				
	2	2	48	601.1365	SCREW	MS27039-1-10				
	2	2	47	646.3719	DOUBLER					
	2	2	46	646.3718	CUSTOM WASHER					
	1	1	45	646.3717	DOUBLER					
	22	2	44	601.1948	SCREW	MS27039-1-19				
	2	2	43	601.1952	SCREW	MS27039-1-20				
	4	4	42	601.1956	SCREW	MS27039-1-21				
4036	4035	4034	4033	4032	4031	FIND #	PART #	DESCRIPTION	MATL	SPEC.

REV.	DESCRIPTION	DATE	APPROVED
A	INCORPORATED ECN 02199, 02201, 02711 & 02745	02/02/2010	P. BRAVO
B	INCORPORATED ECN 02844, 02077 & 04731	11/04/2010	P. BRAVO
C	INCORPORATED ECN 02828	09/05/2015	P. BRAVO

		2		2	41	601.2829	SCREW	MS24694554		
		2		2	40	601.2831	RIVET	MS20436ADS-7		
		1		1	39	646.3716	GAUGE BRACKET			
		6		6	38	601.1953	SCREW	MS27039-1-12		
		2		2	37	646.3715	STRUT DOUBLER			
	2	2		2	36	601.2824	BOLT	ANS-5A		
12	36			36	35	601.2277	RIVET	CCP24693-02		
6	18			18	34	600.0795	NUTPLATE	MS27047-3		
3	3			3	33	601.2565	RIVET	MS20470ADS-7		
1	1			1	32	646.3813	STRUT BRACKET			
4	4			4	31	601.2822	BOLT	ANS-3A		
2	2			2	30	646.3812	GUSSET BRACKET			
8	8			8	29	601.2564	RIVET	MS20470ADS-6		
1	1			1	28	646.3714	GUSSET			
	1		1	1	27	646.3610	FILLER			
	3		3	3	26	601.2830	SCREW	MS24694555		
	2		2	2	25	601.2825	BOLT	ANS-6A		
	1		1	1	24	646.3811	RADIUS BLOCK			
	1		1	1	23	646.3712	CLIP			
	1		1	1	22	646.3711	CLIP			
8	8			8	21	601.2832	RIVET	MS20470ADS-5		
14	14			14	20	601.2020	RIVET	CB3711-5-3		
4	6	4	6	10	19	601.2823	BOLT	ANS-4A		
	1	1	1	1	18	601.2827	BOLT	ANS-13A		
	5		5	5	17	601.2912	SCREW	MS24694551		
1				1	16	646.3713	GUSSET			
1				1	15	646.3210	SUPPORT			
		1		1	14	646.3710	DOUBLER			
	1		1	1	13	646.3110	CHANNEL			
14	10	8	53	6	61	12	601.1624	LOCKNUT	MS21042-3	
16	32	18	120	16	144	11	601.1607	WASHER	NAS11491B02P	
					10		646.3410	LH WIPER DEFLECTOR		
					9		646.3411	RH WIPER DEFLECTOR		
		2		2	8		647.7703	STRUT ASSY		
		2		2	7		647.0112	STRUT BRACKET		
	1		1	1	6		646.3511	STRUT		
	1		1	1	5		646.3510	STRUT		
2		2		2	4		646.3810	BRACKET		
		1		1	3		646.2910	DEFLECTOR		
	1		1	1	2		646.3001	LOWER CUTTER ASSY		
			1	1	1		646.3301	UPPER CUTTER ASSY		
X							646.4006	LOWER CUTTER FIXED PROVISIONS		
	X						646.4005	LOWER CUTTER REMOVABLE PROVISIONS		
		X					646.4004	FIXED PROVISIONS KIT		
			X				646.4003	CABLE CUTTER KIT W/ 1000 FIXED PROVISIONS		
				X			646.4002	ASS350 WIPER DEFLECTOR KIT		
					X		646.4001	ASS350 CABLE CUTTERS KIT		
4006	4005	4004	4003	4002	4001	FIND #	PART #	DESCRIPTION	MATL	SPEC.

QTY		PARTS LIST	
NEXT ASSY (S)		ORIGINAL DATE: 08-27-08 DRAWN BY: J. BRAVO CHECKED BY: J. BRAVO DESIGNED BY: J. BRAVO CONTRACT NO.:	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ±0.00 ANGLES ±0.5°		DART 3030 ENTERPRISE CT. SUITE A VISTA, CA 92081 (760)-724-5300 APICAL INDUSTRIES, INC. DBA DART AEROSPACE	
ASS350 CABLE CUTTERS KIT B 07A26 646.4000 SCALE: NONE		SHEET: 1 OF 5 REV: C	